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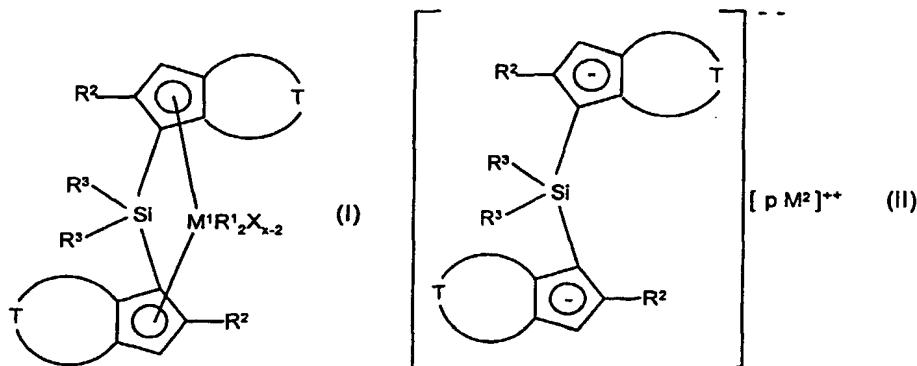
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(54) Title: PREPARATION OF DIALKYL-ANSA-METALLOCENES

(57) **Abstract:** In a process for the racemoselective preparation of silicon-bridged dialkyl-ansa-metallocenes of the formula (I) comprises reaching a ligand starting compound of the formula (II) with a transition metal dialkyl compound of the formula (III)  $M^1X_yR^1_{2-y}D$ , (III), where  $M^1$  is an element of group 4, 5 or 6 of the periodic Table of the Elements,  $R^1$  are identical  $C_1$ - $C_{20}$ -alkyl or  $C_7$ - $C_{40}$ -arylalkyl radicals,  $X$  are identical or different halogens,  $R^2$  are identical or different  $C_1$ - $C_{40}$  radicals,  $R^3$  are identical or different  $C_1$ - $C_{40}$  radicals,  $T$  is a divalent  $C_1$ - $C_{40}$  group which together with the cyclopentadienyl ring forms a further saturated or unsaturated ring system which has a ring size of from 5 to 12 atoms, where  $T$  may contain the heteroatoms Si, Ge, N, P, O or S in the ring system fused onto the cyclopentadienyl ring,  $M^2$  is Li, Na, K, MgCl, MgBr, MgI, Mg or Ca,  $D$  is an uncharged Lewis base ligand,  $x$  is equal to the oxidation number of  $M^1$  minus 2,  $y$  is from 0 to 2 and  $p$  is 1 in the case of doubly positively charged metal ions or 2 in the case of singly positively charged metal ions or metal ion fragments.